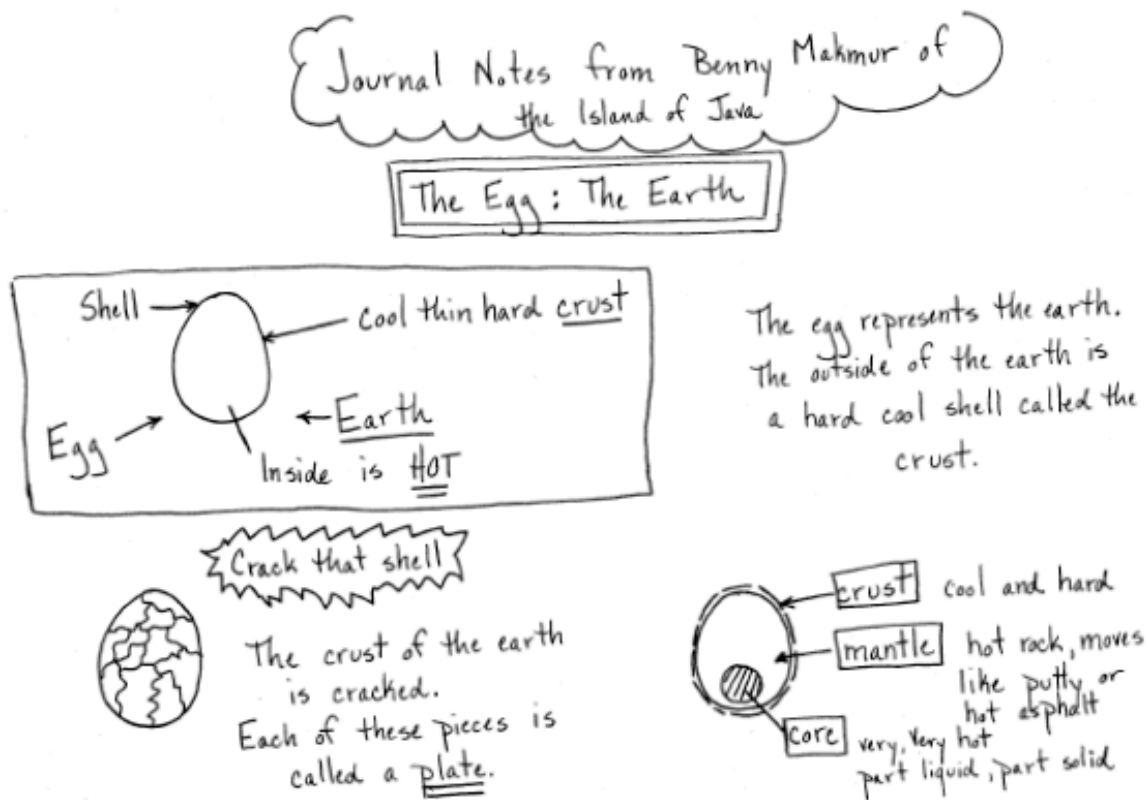


Hi there fellow Junior Scientists!!

I am writing to you because I think I have an idea about what is moving and changing during an earthquake or a volcanic eruption. In my science class, my teacher told us about the structure of the Earth. I'm pretty sure scientists don't know this structure for sure because they can't actually look into the Earth. They can only observe earthquakes and volcanoes and try to figure out what is happening. I know that one of the things scientists can observe is the patterns of waves from the earthquakes and volcanoes. Because the Earth is so big and we can't look inside it, scientists use models to illustrate what they understand.

Below is a copy of my notes from science class. In my class, we used an egg as a model to illustrate Earth's crust (the outside layer) and its interior. See what you think!



The pieces of the cracked shell are like the giant puzzle pieces that make up the Earth's crust. These pieces are called plates, and they move on the Earth during an earthquake or volcanic eruption. I think the interior of the Earth is helping to move the crust. What do you think? I look forward to hearing from you.

Sincerely and Keep Rocking and Rolling,

Benny Makmur  
Island of Java